

## STANDARD OPERATING PROCEDURES

# Wrench Impact

**DO NOT use this equipment unless you have received authorization from the Shop Coordinator**



Work boots must be worn.



Safety Glasses must be worn.



Gloves must be worn.



Hearing protection must be worn.

### Potential Hazards and Injuries

- Electrocution
- Laceration
- Electric Shock
- Fatigue/Vibration Injury
- Struck-By

### Pre-Operational Safety Checks

- Ensure tool is unplugged when inspecting equipment.
- Check condition of the cord.
- Ensure tools are properly grounded using a 3-prong plug and outlet.
- Put on required PPE before using equipment.
- Secure the material being worked on, if applicable.
- Ensure tool is in the "off" position before plugging in.
- The use of Ground Fault Circuit Interrupter (GFCI) is recommended. However, GFCI is required when working near water sources. Make sure to use the correct accessory related to the job at hand.

### Safe Practices During Operation

- WARNING!** If the bit binds suddenly the tool may apply a twisting force to your hands and wrists.
- Simultaneously, release the trigger and maintain a firm grip on the tool and make sure you have control over the applied torque.
- Position your body and limbs to minimize the chance of being struck-by, pinched or knocked off balance by the tool. Anticipate sudden twisting movement from the tool.
- Keep stable footing and balance at all times. Do not overreach.
- Follow manufacture's recommendations for use and care.

### DON'T

- Do not use cords that are damaged or that have come loose from the plug.
- Do not use cords that have a grounding terminal broken off.
- Do not operate tool for more than 1 hour continuously without 10 minutes of rest to reduce vibrations.

***SOP must be used in conjunction with an effective training program***